

MATERIAL SAFETY DATA SHEET
U.S. DEPARTMENT OF LABOR - OSHA'S HAZARD COMMUNICATION STANDARD
(Utilized to comply with 29 CFR § 1910.1200)

SECTION 1 - PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **OPP POULTICE POWDER**
Product Use: Oil Stain Removal for Stone
Date Prepared: November 1997
Date of Last Revision: September 2002
DOT Hazard Class: Non-Regulated
Product Family: Poultice Powder

<u>H.M.I.S. Rating</u>	<u>Rating Key</u>
2 Health	4=Extreme
0 Fire	3=High
0 Reactivity	2=Moderate
B Maximum Personal Protection	1=Slight
	0=Insignificant

Stone Care International, Inc.
P.O. Box #703
Owings Mills, Maryland 21117
Phone: 1-800-839-1654
Emergency Phone Number (800) 535-5053

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>Chemical Identity</u>	<u>CAS No.</u>	<u>%</u>	<u>(OSHA) PEL</u>	<u>TLV</u>	<u>LD50</u>	<u>LC50</u>
Hydrous Aluminum Silicate (Fullers Earth) OR Hydrous Magnesium Aluminum Silicate	8031-18-3	60-80%				
Calcium Hypochlorite	7778-54-3					
Sodium Metasilicate (Silicate Acid, disodium salt, water glass)	6834-92-0	10-30%				
Silica, Crystalline - Quartz (respirable)	14808-60-7	5-10%	(10.00mg/m ³ divided by %SiO ₂ +2)			

OSHA PEL: Classified as a nuisance dust when less than 1% crystalline silica is present. If greater than 1% crystalline silica, then exposures shall not exceed an 8 hour time-weighted average limit as stated in 29CFR 1910.1000 Table Z-3 for mineral dusts specifically, Silica: Crystalline Quartz (respirable)

NIOSH: National Institute for Occupational Safety and Health Recommended Exposure Limit = 0.05 mg/m³ (respirable crystalline quartz) as determined by a full shift sample up to 10-hour working day, 40 hour work week. Note Values are TWA in mg/m³

None of the ingredients in this product exceeding a concentration limit of 0.1% are on the IARC, NTP, or OSHA lists of carcinogenic hazards.

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

Color: White/Gray	Odor: Earthy	Boiling Point: N/A	Freezing Point: N.A.	Melting Point: None	Physical State: Granular or Powder
PH (Concentrate): N/A		H (Use dilution of 1% solution): 11.00		Percent Volatile By Gravity: <1.0 / by Weight: 0.0	
Vapor Pressure (mm Hg): None		Vapor Density (Air=1): None		Specific Gravity (H ₂ O=1) N/A	Water reactive: N.A.
Evaporation Rate (Water=0.3):		Solubility in Water: Insoluble			

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: None	Flammable Limits: N.A. / Non Combustible	Hazardous Combustion Products: N.A.
Auto-ignition Point (Vapors): N.A. / (Solids): N.A.	Extinguishing Media: Water Spray, Foam	LEL: None UEL: None
Special Fire Fighting Procedures: None known to manufacturer	Unusual Fire and Explosion Hazards: None known to manufacturer	

SECTION 5 - REACTIVITY DATA

Chemical Stability: Stable (YES) Hazardous Decomposition of By-Products: Unknown due to the complex nature of this material.
Hazardous Polymerization: **Will not occur.** Conditions To Avoid: **None Known**
Incompatibility (Materials to Avoid): Strong acids & oxidizing agents. Heat generation may occur when Fullers Earth is mixed with a polyunsaturated liquid.

SECTION 6 - HEALTH HAZARD DATA DATA/TOXICOLOGICAL PROPERTIES

Routes of Entry: Inhalation, Skin absorption Toxicologically Synergistic Products: None Known
Medical Conditions Aggravated by Exposure: Burns, Lacerations Signs and symptoms of Exposure: Skin irritation, Dizziness, Headache, Nausea.

EFFECTS OF OVEREXPOSURE (Acute and/or Chronic)

Eyes: Direct contact may cause irritation and redness. Over exposure may lead to eye tissue damage, which can be permanent.
Repeated eye exposure may produce chronic inflammation of the eye or corneal damage. Effects may be delayed.
Skin: Prolonged or repeated contact may cause irritation. Repeated or prolonged skin contact may produce chronic inflammation or dermatitis. Characterized of redness, scaling, or itching.

Continued on Next Page

OPP – Oil Poultice Powder MSDS - Page 2

Ingestion: Harmful if ingested. May cause irritation.

Inhalation: Dizziness, headache and respiratory irritation. Pulmonary function may be reduced by inhalation of respirable crystalline silica that may be in Fuller's Earth. Lung scarring, produced by such inhalation, may lead to a progressive massive fibrosis of the lung which may aggravate other pulmonary conditions or diseases and which increases susceptibility to pulmonary tuberculosis. Prolonged exposure to Fuller's Earth may cause a relatively benign lung disease, though there is a risk of the development of massive fibrosis. Progressive massive fibrosis may be accompanied by right heart enlargement, heart failure, and pulmonary failure. Smoking aggravates the effects of exposure. Repeated and prolonged exposure to respirable crystalline quartz, which may be contained in Fullers Earth, may cause delayed (chronic) lung injury (silicosis). Silicosis is a form of disabling pulmonary fibrosis, which can be progressive and may lead to death.

** The information shown above refers generally to a component of the product but as required by OSHA 1910.1200 the hazards of any ingredient must be extended to the product as a whole unless testing of the product has been performed. The U.S. American National Standard (ANSI) Z129.1-1982 was used as a guide when this MSDS was written.

EMERGENCY FIRST AID PROCEDURES – NOTES TO PHYSICIANS

Eyes: Flush thoroughly with water; seek medical attention.

Skin: Wash with soap and water; rinse thoroughly; if symptoms develop or persist seek medical attention

Inhalation: Remove victim from area of exposure; if symptoms, as indicated above, develop or persist seek medical attention.

Ingestion: NEVER GIVE FLUIDS BY MOUTH TO AN UNCONSCIOUS PERSON - DO NOT induce vomiting; Drink at least 2-3 glasses of water; Seek medical attention.

SECTION 7- PRECAUTIONS FOR SAFE HANDLING AND USE

Storage Requirements: Keep container tightly closed when not in use. Store in a cool (60 - 80° F) dry area away from sunlight and other sources of heat.

Steps To Be Taken If Material Is Spilled Or Released: Wear proper protective equipment. Collect spilled dry material in plastic containers. Sweep up wet spilled material using dustless sweeping compound and package the solid product in steel drums, which are in good condition. Also dispose by flushing with water if applicable in your area. Thoroughly clean area where spill occurred. Do not dry sweep.

Waste Disposal: Do not dispose of to drain. Dispose of in accordance with local, state and federal regulations.

SECTION 8 - CONTROL MEASURES

Respiratory Protection: Use HEPA respirator if required to maintain exposure levels below TLV's.

Protective Gloves: Rubber (neoprene)

Protective Clothing and Equipment: Lab coat/uniform and apron. Use waterproof boots when compound is wet.

Ventilation: Local Exhaust, if adequate to maintain below TLV's. Preferred Method: Mechanical

Eye Protection: Goggles

Work and Hygienic Practices: Do not eat or drink while using this compound. Avoid or minimize conditions that would generate dust. Do not permit dust to collect on walls, floors, ledges, machinery, or equipment. Maintain fit test respirators in accordance with OSHA regulations. Maintain and test ventilation and dust collection equipment. Smoking is prohibited where respirators are being used. Wash or vacuum clothing which has become dusty.

Other Requirements: *Keep out of the reach of children and animals. Keep away from food or feedstuffs*

SECTION 9 – DOMESTIC & INTERNATIONAL SHIPPING INFORMATION: **NON-REGULATED / NON-HAZARDOUS**

Domestic Transportation Information

DOT Shipping Name: N.A.

DOT Hazard Class: N.A.

UN/NA Number: N.A.

Packing Group Number (PG): N.A.

International Transportation Information: SAME AS ABOVE

Shipping Name: IMDG Page Number: N.A.

Hazard Class: EmS Number: N.A.

UN Number: MFAG Table No.: N.A.

Packing Group Number (PG):

SECTION 10 – REGULATORY INFORMATION:

TSCA: N.A.

CERCLA: N.A.

SARA TITLE III (311/312 Hazard Categories): N.A.

SARA TITLE III (313 Reportable Ingredients): Product mixture DOES NOT contain any components that are subject to this reporting requirement

CALIFORNIA PROPOSITION 65: N.A.

EPA HAZARD WASTE CLASSIFICATION: N.A.

*** THE INFORMATION CONTAINED HEREIN IS BASED ON THE DATA AVAILABLE TO US (INCLUDING THAT PROVIDED BY THE MANUFACTURER) AND IS BELIEVED TO BE CORRECT. THE INFORMATION RELATES TO THIS SPECIFIC PRODUCT – IT MAY NOT BE VALID FOR THIS MATERIAL IF USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. HOWEVER, STONE CARE INTERNATIONAL, INC. (SCI) MAKES NO WARRANTY, EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS OBTAINED FROM THE USE THEREOF. SUCH DATA ARE OFFERED SOLELY FOR CONSIDERATION, INVESTIGATION AND VERIFICATION. IT IS THE USER'S RESPONSIBILITY TO SATISFY ONESELF AS TO THE SUITABILITY AND COMPLETENESS OF THIS INFORMATION FOR HIS/HER OWN PARTICULAR USE. SCI ASSUMES NO RESPONSIBILITY FOR INJURY FROM THE USE OF THE PRODUCT DESCRIBED HEREIN.

(Abbreviation Key: N.A. = Not Applicable, N.E. = Not Established, N.D. = Not Determined, * Where no corresponding data was contained in the manufacturer's MSDS, additional research is required and may be obtained upon request)